

Federation of Earth Science Information Partners Partnership Application

Please complete all sections to the fullest extent possible and completed application to: Carol Meyer,
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877.870.3747.

I. CONTACT INFORMATION

A. Primary Contact/Principal Investigator

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B. Secondary Contact (the same as above)

Name:
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C. Other Contacts

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II. ABOUT YOUR ORGANIZATION

A. ORGANIZATION NAME/DIVISION:

Organization: Inter-American Institute for Global Change Research, IAI
Division Information Technology
Project: IAI-DIS (Data and Information System)

B. OVERVIEW OF YOUR PRIMARY ACTIVITIES (250 words or less)

The mission of the institute is proportionate the understanding of the integrated impact of present and future global change on regional and continental environments in the Americas and to promote collaborative research and informed action at all levels.

The DIS is an Internet-based data and information system with the following objectives in focus: **1) Dissemination of data created within the IAI scientific projects by using a metadata creation and management process; 2) Data discovery; and 3) Contribute for the standardization and exchange of scientific data between investigators and institutions.**

Practically, the system aims to assist the IAI Researchers on the creation of structured information regard their project results and specially proportionate the search and retrieval of that information.

C. Please describe the primary product(s) or service(s) that your organization provides (will provide) to the community. (150 words or less)

The IAI is an international institution dedicated to promote scientific research in global change phenomena. The primary product of our institution are the scientific results produced within our projects. Some other pertinent results: Integration between different groups in the Americas, Training courses in Global Change Matters, Articles and books produced by the IAI researchers, etc.

The IAI-DIS provides free access to metadata that represent real data generated within scientific projects of the institute. Part of these data are not free (due to copyrights), but people can easily obtain information about that data by reading metadata fields.

D. Please give a website address for your lead institution:

<http://www.iai.int> (main site)

<http://iaibr3.iai.int> (IAI Twiki Area)

<http://disbr1.iai.int> (DIS Twiki Area)

III. HOW YOUR ORGANIZATION WILL BENEFIT FROM/CONTRIBUTE TO THE EARTH SCIENCE INFORMATION PARTNERS (ESIP) FEDERATION

A. Describe your use of Earth science information and data and how you would see this use enhanced by your partnership in the Federation. (200 words or less)

Actually the IAI does not direct use Earth Science information, but our researchers do. Due to this main reason, I think this audience will benefit in identifying earth science data, as well as in disseminating the results of their research to different groups.

B. Describe your data users and how you think the Federation can help you better serve this population. (200 words or less)

Our researchers produce articles, books presentations, etc in different science agenda, like climate change and variability in the Americas, Landuse/Landcover and water resources in the Americas, Global Change Modulations of the composition of the atmosphere, oceans, and fresh waters, human dimensions, etc.

The DIS users are researchers,educators, students, data managers, etc that want to obtain information generated within the IAI scientific projects.

C. Describe any Earth data access/distribution technologies or services that you have developed and are willing to bring to the Federation's efforts to provide best-practice technology and service. (200 words or less)

The Metadata Editor is one tool that helps researchers in creating metadata. All metadata created is XML compatible, and exports metadata as DIF, HTML and Text.

D. Describe how your proposed membership would contribute to the efforts and the mission of one or more standing committees, working groups and/or clusters. See Federation website (www.esipfed.org) for descriptions of the different activities of the various standing committees, working groups, and clusters. (200 words or less)

All metadata created on the DIS follows the FGDC/CSDGM Metadata Standard. The system is in a beginning stage, but the IAI can contribute to search and retrieval technologies and metadata issues by taking part in "*Information Technology and Interoperability*" working group if invited.

E. Describe any vision you might have of how the Federation should change to better fulfill its purpose. (200 words or less)

No suggestions by now.

IV. YOUR CHOICE OF MEMBERSHIP TYPE. PLEASE PICK ONE.

If primarily data archive center, then one would generally select ESIP-I



If primarily research, then one would generally select ESIP-II



X

If primarily applications and education, one would generally select ESIP-III



If primarily a sponsoring member, one would generally select ESIP-IV



V. Any other comments about your proposed membership and its relation to the Federation that you wish to provide.

Our DIS is in a very beginning stage by now. We are doing some efforts to enhance metadata disseminating. The idea of taking part of this initiative is present what we have by now as a research center where people from different regions could find information/data produced by our researchers.

Thank you for your application for partnership in the ESIP Federation.

List of Federation Committees and Clusters

Administrative Committees

Executive Committee: Comprised of all standing and administrative committee chairs, ESIP Type Representatives, the President and Vice President of the Federation. Oversight body for mo

Constitution and Bylaws: Provides counsel on matters related to the constitution and bylaws and other related issues (e.g. removal of Federation officers)

Finance and Appropriations: Oversees financial resources of the Federation, including the annual budgeting process.

Partnership: Reviews and processes all applications for membership before making applications available for review by members of the Federation. Deals with other membership-related issues.

Standing Committees:

Commercial Development: Promotes a forum wherein commercial development of Earth science information can be fostered.

Community Engagement: Provides a forum for the Federation to promote partner products and to engage new users for data products and services.

Education: Provides a forum to make accessible to educators and learners at all levels in both formal and informal educational contexts the Earth science data, information, tools, and curricula available within the ESIP Federation

Information Technology and Interoperability: Provides a forum for discussing information technology and interoperability issues of the Earth science community and serves as a central point for activities in this realm

Products and Services: Provides a forum for defining best practices and defining requirements for earth science products and services. Currently is involved in developing an inventory of partner products and services.

Clusters (presently active, February 2005):

GIS

Intelligent Systems